

# Valasa Om Prasad Reddy

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🌐 linkedin.com/in/prasad-unique 🔗 Portfolio

## PROFESSIONAL SUMMARY

Java developer with 9 months of experience delivering scalable, cloud-ready micro-services. Proficient in **Spring Boot**, **MySQL**, **AWS**, **Docker**, and **Kubernetes**, with a solid grasp of RESTful API design and CI/CD automation. Seeking to apply backend expertise and grow within a high-impact engineering team.

## WORK EXPERIENCE

### Cye Technology Pvt. Ltd. (Associate Software Engineer)

11/2024 – present | Hyderabad, India

#### Roles and Responsibilities :

- Engineered and maintained Java 21/Spring Boot micro-services for multiple enterprise applications, raising client efficiency by 35%.
- Designed **RESTful APIs backed** by MySQL + Hibernate; implemented role-based access control with Spring Security and secure file storage on AWS S3.
- Containerised services with Docker and automated CI/CD using GitHub Actions & Jenkins, reducing release cycles from weeks to days.
- Deployed workloads to AWS ECS (production) and Kubernetes EKS (staging); introduced Helm charts, HPA, CloudWatch monitoring, and Swagger documentation to achieve **99.9%** uptime while trimming infrastructure costs by **20%**.
- Collaborate in Agile sprints—conduct code reviews, mentor teammates on Git best practices, and continuously refine Swagger specs for clear API contracts.

## TECHNICAL SKILLS

- Languages:** Java 21, Python (basic scripting)
- Frameworks:** Spring Boot, Spring Security, Hibernate/JPA
- Databases:** MySQL, Amazon RDS
- Cloud & DevOps:** AWS (EC2, ECS, EKS, S3, VPC, RDS, IAM, CloudWatch), Docker, Kubernetes, Maven, GitHub Actions
- Tools & Concepts:** Git, Postman, Linux, Swagger/OpenAPI, Agile/Scrum, OOP, SDLC

## PROJECTS

### Enterprise Micro-services Platform

(Java Backend)

- Built and maintained **RESTful APIs** with Spring Boot and MySQL, validating every endpoint through automated **Postman** collections while following clean-code and SOLID principles.
- Documented services with **Swagger**, containerised the application in Docker, and created a Jenkins pipeline that runs Newman (Postman CLI) tests before pushing images and deploying to **AWS ECS/EKS**.
- Tuned queries, caching, and connection pooling, cutting average latency by 50% and maintaining 99.9% uptime in production.

## CERTIFICATES

- Best Employee Award – Cye Technology Pvt Ltd** for outstanding performance in project execution and contribution.

## EDUCATION

### B.Tech (Computer science and Engineering)

2020 – 2024 | Markapur, AP

Dr. Samuel George Institue Of Engineering And Technology

## PERSONAL SKILLS

- Excellent communication, analytical thinking, and problem-solving abilities.
- Highly collaborative with a strong team-oriented approach.

## LANGUAGES

- English
- Telugu